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正本

經濟部智慧財產局專利核駁審定書

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一、申請案號數：〇九一一二一四五八

二、發明名稱：畫像顯示裝置

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五、申請日期：九十一年九月十九日

六、優先權項目：1 2001/09/19 日本2001-285812

七、審查人員姓名：陳基發 委員

本 書	發 信 日	受 信 日
2003	2003	2003
年	年	年
10	10	10
月	月	月
20	20	20
日	日	日

專利分類IPC(7)：H01J 1/00

八、審定內容：

主文：本案應不予專利。

依據：專利法第二十條第二項。

理由：

(一) 本案「畫像顯示裝置」揭示一種畫像顯示裝置，其包含一第一基板、一第二基板、一柵、複數個柱狀第一間隔件，以及複數個柱狀第二間隔件，該等第一間隔件之高度比該等第二間隔件之高度低。

(二) 本案之主要特徵為在顯示裝置之柵與第一基板和第二基板之間分別有第一間隔件和第二間隔件。查一九九三年八月三日公告之美國專利案五二五九號案即揭示一種供用於場發射顯示器之間隔件，可支撐基板，具有與本案相同之功能。本案僅是在間隔件之高度加以變化，此種簡單之間隔件高低之改變，不具進步性。

(三) 綜上所述，本案係運用申請前既有之技術，而為熟習該項技術者所能輕易完成者，難謂符合發明專利要件。

(四) 檢附引證資料：US 5232549

據上論結，本案不符法定專利要件，爰依專利法第二十條第二項，審定如主文。



局長 蔡練生

依照分層負責規定授權單位主管決行

如不服本審定，得於文到之次日起三十日內，備具再審查理由書一式二份及規費新台幣陸仟元整（專利說明書及圖式合計在五十頁以上者，每五十頁加收新台幣五百元，其不足五十頁者以五十頁計），向本局申請再審查。

Taiwanese Patent Application No. 91121458
Present Stage: First Examination
Document: Decision of Rejection in First Examination
Reference: Cited

Translation

TEXT: The present invention is unpatentable.

BASIS: Section 20 (2) of the Patent Law.

REASONS:

1. The image display apparatus of the present invention comprises a first circuit board, a second circuit board, a grid, a plurality of first columnar spacers and a plurality of second columnar spacers, the first spacers being shorter than the second spacers.

2. The present invention is characterized in that the first spacers are provided between the grid and the first circuit board of the display apparatus, and the second spacers are provided between the grid and the second circuit board. However, spacers for use in a field emission display are already disclosed in U.S. Patent No. 5232549 published on August 3, 1993. The spacers support a circuit board and have the same function as those of the present invention. In the present invention, the heights of the spacers are varied. Therefore, the present invention lacks an inventive step.

3. As described above, the present invention would have been easily achieved by a person skilled in the art by applying the technologies that had existed before the present application was filed. Consequently, the present application does not satisfy the requirements for patent.

4. Attached material: U.S. Patent No. 5232549

For the reasons stated above, since the present invention fails to satisfy the requirements for patent, it is rejected under Section 20 (2) of the Patent Law.

Note: If the applicant is dissatisfied with the above decision, it can request reexamination by filing a reason for request of reexamination in duplicate together with an official fee of NT\$6,500 with the Patent Office within 30 days of the next day of the mailing date of this decision (if the number of pages of the specification and drawings exceeds 50, an official fee of NT\$500 shall be paid for every additional 50 pages; if the number of pages is less than 50, it shall be counted as 50).